



KAISER ♦ HILL
COMPANY

MEMORANDUM

Date: August 7, 2002

Minutes are unclassified and
NOT UCNI: 

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for August 7, 2002

Attached are the minutes for the referenced weekly meeting for the Operating Record.
In attendance were:

R. Ahlstrand	R. Leitner
P. Arnold	L. Rosebrock
J. Almon	S. Thompson
J. Floerke	K. Trice
D. Foss	R. VonFeldt
F. Gerdeman	D. Ward

In addition to the attached status, the following was discussed:

1. There are no new outstanding Action Items. Item #1 is still pending.

ACTION ITEMS FROM THIS MEETING: (to be included in next week's agenda)

None

End



371/4 Project
WEEKLY STATUS MEETING DOE/LRA for August 7, 2002

ADMIN RECORD

B371-A-000099

1/12

B371 CLOSURE PROJECT
WEEKLY STATUS MEETING [Every Wednesday, 9:30 a.m. *B371 Conference Room*]
August 7, 2002
AGENDA

9:30 am INTRODUCTION – Randy Leitner, X3537, (212-2174)

D&D – Jim Floerke, X2850, (212-3292)

D&D WASTE – Randy Leitner X3537, (212-2174)

CONSTRUCTION – Dan Coyne, X2820 (212-6200)

FACILITY - Mike McGrory, X5100, (212-2146)

PuSPS

AUTHORIZATION BASIS/BIO – John Almon, X3217 (212-3426))

ENVIRONMENTAL & ACTION ITEMS– Randy Leitner, X3537, (212-2174)

OUTSTANDING ACTION ITEMS:

- Simmons is to inform Onyskiw when the Readiness Assessment is scheduled for the Size Reduction tent so that she can attend.

2

D&D Summary (AAC/AAD)
Week Ending 8/2/02

D&D

Set 3 (1AD103AD00)

- Stripout package due from P&E August 9.
- Electrical isolation and stripout in process (covers Sets 3 and 4).

Set 4 (1AD104AD00)

- Stripout package due from Engineering August 30.
- GB overheat detector removal package ready to work (covers Sets 3, 4, and 5).

Set 5 (1AD105AD00)

- Completed electrical isolation/stripout. Stripout package due from P&E August 1.

Set 6

- Continuing to develop Set 6 strategy. (1AQ31DR02B)
- Scanning of rooms is complete.
- Execution activities moved out to December, 2002.

Set 7 Dismantlement (1AD107BD00)

- Electrical dismantlement (Room 3305) is complete.
- Ancillary equipment mechanical isolation (Room 3305) is 90% complete.
- GB 75 removal is 100% complete.
- GB 37 - GBs 37C, 37D, 37E, , 37F, and 37I have been removed. Final decon of center line completed, lead removed, removing leaded windows/gloves.
- GB 38 - Removal of internal components complete, decon to Envirocare levels completed, foaming completed.
- GB 36 - Removing internal components.
- Room 3303 - Electrical package due from P/E August 6, Mechanical package due from P/E August 13.
- Crated gloveboxes will not be dispositioned at this time. Have relocated the boxes to Room 3408.
- Tent has been delivered to the building.

Set 8 Tank Cerium Decon (1AD108DH00)

- Strip-out package due from P/E August 7. Expect to core sample the tanks to determine contamination level.

Set 9 (CSV) and Set 12 (Glovebox Removal)

- I/O 8 Mods. (1AC109HD00):
 - I/O 8 modification package in process. I/O 8 replacement wall secured in place. Transfer tunnel attached to the I/O 8 wall, support structure and anchor to transfer tunnel installed.
 - I/O 8 drain line installation package - Installed the check valve and associated piping inside I/O 8 during breach of the wall.
 - Jib Crane/Hoist Installation package - Pre-requisites are completed. Commencing work on package.
 - CSV Barrier Removal package - CSV Barrier Removal successful. Additional scope in Revision 1 includes modifications to the transfer cart for installation of shims and troubleshoot/repair of associated switches.
 - Performed receipt inspection of 2 Waste Crate Lift Tables with scales. Lift Table applications include loading TRU waste into SWBs while performing the V2 procedure.

- Glovebox 70-A (material introduction box) - Planning completed, Nuclear Safety screen completed, cover sheet signatures pending.

Set 14 Dismantlement (1AD114BD00)

- Electrical isolation is 95% complete.
- Draining of waterwalls, port covers and windows is complete.
- Mechanical isolation package is 60% complete.
- GB 12 - internal component removal completed, decon to Envirocare levels completed, final line removal and removal of top section of gloveboxes in process.
- GB 10 - internal component removal in process (95% complete).
- GB 9 - internal component removal in process (95% complete).
- GB 7 - internal component removal in process (20% complete).
- Alarm deactivation is complete.

Set 15 Dismantlement (1AD115BD00)

- Electrical isolation is complete.
- Mechanical isolation and stripout is in progress.

Set 25 Dismantlement (1AD125BD00)

- Glovebox deactivation work package complete, contingent work (1AC125EG00)
- Electrical package due from P/E September 6.
- Stripout package due from P/E September 3.

Tanks

- Set 13 - Raschig ring removal of all 12 tanks is complete in Rooms 2307, 2317, and 2319 (1AC113ET00). Cerium decontamination complete in Room 2307 and in process in Rooms 2317 and 2319. (1AD113DH00)
- Set 12 - Electrical isolations complete. Mechanical isolations in process. Raschig ring removal in process in Room 1105. (1AC112ET00)

Gloveboxes

- Planning GB deactivation as contingent work for the Waste Team.
- Set 12 - Completed clean-out in all gloveboxes except those required for CWTS processing. (1AC112EG00)

MAA/PA Closure (1AC11PNN20)

- Comments from DOE Safeguards and Security have been incorporated into the Closure Plan.
- The plan for reducing the MAA to an area encompassing the PuSPS processing room and storage vault is being developed.
- Suspending walkdowns and inspections to identify and disposition classified matter until approach has been finalized. 20% of B371/374 has been verified as free of classified interests.

Uncleared Personnel Access to PA

- Security plan and ops orders in development to allow uncleared personnel unescorted access to PA.
- New badging procedure for the uncleared personnel being developed.

Establish 15 to 20 D&D crews who will work simultaneously on Sets – in the next 3 months.

- Evaluating sequencing options of Sets.
- Aligning crews loads and assignment areas; waste crews working Set clean-out as available.

D&D Waste

Obtain approval to send gloveboxes to Envirocare with all lead remaining

- GB 38 foaming complete.
- Glovebox 12 being prepared for foaming.
- Waste Programs has asked Envirocare for pricing to fill glovebox void space to eliminate foaming requirement.

Repackage/disposition the remaining 3000 legacy drums.

- Starting inventory (May 3, 2002) = 3,163 (revised to include 220 in B374)
- July 29, 2002 inventory = 2,483

<u>Drum Category</u>	<u># 55 Gallon Drums</u>
No glovebox processing	1,141
Drum repack (e.g. c-cell)	263
Glovebox processing	131
Empty	150
Unknown - Standards (Waiting disposition)	56
Unknown - Pallet Project	127
Unknown - Pb lined	6
New Generation/New empty	415
Building 371 Total	2,289
Building 374 Total	194
Grand Total	2,483
Legacy Drums shipped	45
New Gen Drums shipped	0

CONSTRUCTION / MAINTENANCE

B374

- 231 sludge removal - Pumping sludge is ongoing. Pumped 118 drums from July 15, 2002 to July 31, 2002 (pumped as much in last 2 weeks of July as were pumped between March 2002 through May 2002).
- Tank Sludge Removal - Sludge removal shall be undertaken by in house assets using technologies from B771. Final characterization studies are pending.

Set 14 Dismantlement (1AD114BD00)

- Package for cold glovebox / cold tank went to KH Construction. Glovebox removed, tank in process.

Set 56 Dismantlement (1AD456BD00)

- Mechanical SWP is complete.
- Electrical isolation and strip out has been initiated.
- Doing intrusive walkdown verification.

Set 58 Dismantlement (1AD458BD00)

- Electrical package ready to work. Pending resource availability.
- Strip out package due from P/E August 9.

Area AQ Demolition - B381 and UST (1AD1AQGX20):

- B381
 - Electrical and mechanical isolation is complete. Building is cold and dark. Demo in process.
 - Asbestos removal from the building's roof is complete. Demolition permit received from CDPHE; the cruncher is on Site to remove both 381 and the UST pad.
- UST
 - Electrical isolations and electrical demo are complete. Mechanical demo complete. Expect demo complete August 9.

Area AM Dismantlement [Rooms 4101, 4102, 4103 and 4104] (1AD1AMBX00)

- Working electrical removal in 4101 and 4104.
- Working mechanical strip out. Working nitric acid, potassium hydroxide, and hydrochloric in 4103.
- Removed 4 tanks in room 4103 completing stripout of this room.
- Electrical isolations are complete for all of AM.

Modify Press in Glovebox 39/40, room 3206 by June 15 to size reduce 125 items

- Modification completed.

Install TGA that measures moisture in PuSPS – by July 15

- Installation of TGA equipment continues.

Clean out all cold shops and office areas.

- Walls are removed in B374 control room. Double door has been installed.

Upgrade building ventilation system.

- Began Engineering to upgrade building ventilation. A performance ventilation test in the facility is scheduled for early July to determine needed modifications. All in-line supply filters scheduled to be removed when package is approved.

Convert building from steam heating to electrical heating within the next year.

- Began Engineering to convert building from steam to electricity.

Basis for Interim Operations (BIO)

Week Ending 08-02-02

PuSPS

- Install TGA/IR in Room 3701. **Implementation of Page Change in progress.**
 - Page change to process remaining IDCs through PuSPS
- Submit page Change to process two cans greater than 50 days
 - JCO approved 7-22-02, **Implementation actions complete**
 - Page Change will be developed to handle cans in the future.

Operations

- Streamlined Page Change for combustible loading (phase 2). **Implementation in progress.**
- Streamlined Page Change to remove requirement for attendant on dock for >200 gram drums.

D&D Support

- JCO for transferring large/long items through airlocks
- Out-of-commission - USQDs for placing dismantlement sets out-of-commission:

Set	Date Completed	Date to DOE	Response Due	Response/ Approval
Pending				
58				
25				
6, 16, & 17				
12				
Complete				
21, Ph. II	7/2/02	7/3/02	7/10/02	7/26/02
3, 4, 5	6-4-02	6/10/02	6/17/02	6/14/02
Bldg. 374 Process Steam	5-16-02	5-20-02	5-27-02	5-23-02
24	9-27-01	10-1-01	10-8-01	10-1-01
7	10-24-01	10-30-01	11-6-01	11-6-01
14	11-13-01	11-28-01	12-5-01	12-05-01
13	12-13-01	12-18-01	12-25-01	1-30-02
21, Ph. I	12-11-01	1-15-02	1-22-02	1-29-02
12, Ph. I	1-2-02	1-15-02	1-22-02	1-29-02
15	1-9-02	1-24-02	1-31-02	N/A
15 (USQD Rev 1)	2-19-02	2-26-02	3-05-02	3-19-02
AM, Ph. I	2-27-02	3-11-20	3-18-02	3-18-02
Process Vent, Sets 12/13	3-13-02	4-11-02	5-02-02*	5-01-02
Caustic transfer line	4-01-02	4-15-02	4-30-02*	5-01-02
56	4-3-02	4-15-02	5-2-02	Revision requested
56 (USQD Rev 1)	5-7-02	5-9-02	5-16-02	5-15-02
PWTS	Cancelled			

ENVIRONMENTAL STATUS
REGULATED ITEMS

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
3517	3		Tanks: D132A/B/C	MRT	Raschig Rings removed from Tanks D132A/B/C. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
3517	3		Tanks: D64, D65		
3517	3		Nitric Acid Recirc pump 31-11, P28A	IE: 0049	
3517	3		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	
3517	3		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	
3517	3		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	
3517	3		Nitric Acid pump 31-15, P63	IE: 054	
3517	3		Pumps P-28A/B, P-29A/B	IE: 0107	
3517	3		Pumps P-33A/B, P-34A/B	IE: 0109	
3571	4		Tanks: D133, D150, D151, D152A/B	MRT	Raschig Rings removed from Tanks D152A and D152B. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
3571	4		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62	MRT	
3571	4		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	
3571	4		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	
3571	4		Pumps 33 A/B, 34A/B	IE: 0109	
3573	5		Tanks: D134A/B/C, D135A/B, D289A/B, D289C.	MRT	
3543	6		Container Storage - Room	90.4	
3545	6		Spent Resin transfer Pump 31-11, P-18	IE: 0067	
3549	6		Tanks: T6A/B/C/D, T-7A/B/C/D, T-9A/B, D-68A/B, D-173A/B,	MRT	
3553	6		Tanks: T-4A/B/C, T-5A/B/C, T-28A/B/C, D-66A/B, D-72A/B,	MRT	
3553	6		Evaporator 31-14, P60A, P-66B	IE: 0068	
3553	6		Evaporator Pump 31-14, P-60B P-66B	IE: 0069	

ENVIRONMENTAL STATUS
REGULATED ITEMS

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
3559	6		Tanks: D-50A/B, D-51A/B, D-55A/B, D59, D-69A/B/C	MRT	
3559	6		Additives Measuring Tank 31-11, D-63A	IE: 0072	
3559	6		Additives measuring Tank 31-11, D63B	IE: 0073	
3563	6		Tanks: D-49A/B/C/D, D-52A/B	MRT	
3563	6		Additives Measuring Tank 31-11, D-57A	IE: 0075	
3563	6		Additives measuring Tank 31-11, D57B	IE: 0076	
3563	6		Additives measuring Tank 31-11, D57C	IE: 0077	
3563	6		Additives measuring Tank 31-11, D57D	IE: 0078	
3567A	6		Container Storage - Room	90.8	
3303	7		Mixed Residue Tank - Ancillary Equipment only	MRT	
3305	7		Container Storage - Room	371.1A	The container storage refers to 3 crated gloveboxes only. The first crated glovebox, X16534, has been removed and temporarily stored in room 3408 awaiting a cargo.
3305	7		Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	IE: 0122	
3305	7		Mixed Residue Tank - Ancillary Equipment only	MRT	
3305	7		Mixed Residue Piping in room 3305	MRT	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
3305	7		Container Storage - Glovebox 37C	90.104	GB37C has been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
3315	7		Container Storage - Room	371.1A	
1208	9		Vault Container Storage	371.1C	RCRA Stable 7/9/02
1101	12		Vault Container Storage	371.1C	
1103	12		CWTS: GB 2402, 2403	371.3A	
1103	12		CWTS: Tanks 2401A/B/C/D, 2402A/B, and 2403	371.3A	
1103	12		Container Storage - Room	371.1A	
1105	12		CWTS: GB 401	371.3A	
1105	12		Tanks: Utility Scrubbers D131A/B		

ENVIRONMENTAL STATUS
REGULATED ITEMS

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
1107	12		Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	
1109	12		Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	
1111	12		Container Storage - Room	90.14	Not currently in Permit - to be closed
1113	12		Master process control and alarm panel	N/A	
1115	12		CWTS: GB 18, 23, 2404	371.3A	
1115	12		Container Storage - Room	90.19	Not currently in Permit - to be closed
1115	12		Tanks: D-160A/B/D-400A/B/D, D-179	MRT	
1115	12		Pumps P-140, P-141A, P-141B	IE: 0013	
1117	12		Tanks D-2A/B, D-157A/B, D-238A/B, D240A/B, D170, D171	MRT	
1117	12		Wash Liquid Pump 31-17, P-182	IE: 0008	
1117	12		HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	
1117	12		HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	
1117	12		HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	
1117	12		HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	
1117	12		Pumps P-181 and P-182	IE: 0014	
1125	12		Pumps P-5A/B, P-6A/B, P-7A/B, P-15A/B, P-27A/B, P-107A/B, JP-108A/B	IE: 0015	
1127	12		Tanks: D-293A/B	MRT	Need to remove RRs and evaluate for Idle Equipment
2307	13		Pumps P-21A, P-914	IE: 0117	
2317	13		Tank D-292A/B	MRT	Raschig Rings removed from all Tanks. No visible sludge or rings remainin. They will be dispositioned as non-regulated, non-hazardous.
2317	13		Tank D933		
2317	13		Pumps P-85A/B/C; P-27A, B, C	IE: 0119	Evaluate for Idle Equipment

ENVIRONMENTAL STATUS
REGULATED ITEMS

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
2317	13		Tanks D922A/B	None	Raschig Rings removed from all Tanks. No visible sludge or rings remainin. They will be dispositioned as non-regulated, non-hazardous.
2317	13		Tanks D67, D277A/B, D912, D914, D916, D922 A/B		Evaluating for Idle Equipment and inspection frequency.
2325	14		Container Storage - Room	371.1A	
2325	14		GB 7 & 9	53	Old cementation process - RCRA unit
2325	14		Mixed Residue Piping in room 2325	MRT	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
2223	15		Tanks D934A/B	MRT	Raschig Rings removed from all Tanks. No visible sludge or rings remainin. They will be dispositioned as non-regulated, non-hazardous.
2223	15		Mixed Residue Piping in room 2223	MRT	
3511	16		Container Storage - Room	90.71	
3521	16		Tank D-70	IE: 0055	Tank not listed in Table 3, DOP Set Descriptions
3523	16		Tanks T-23A/B/C/D	IE: 0104	
	16		Tanks: T-11 A/B/C/D, T-12 A/B/C/D, T13 A/B/C/D		Evaluating for Idle Equipment and inspection frequency.
3801	18		Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A/B	374.3	Tank D816 has been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
3805	18		Tanks: D942	374.3	
2804	19		Tanks: D801A/B/C, D802A/B/C, D804A/B/C/D, D811 A/B, D824A/B, D843, D852, D875, D847, D851	374.3	Tank D843 has been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
3801	21		Tank: D826C	374.3	
3809	21		Tanks: D883A/B	374.3	Tanks D883A/B have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
3810	21		Tank: D878	374.3	
4802	21		Spray Dryer Baghouse FL803	374.3	
4812	21		Spray Chamber W803	374.3	
3408	24		GB Storage - GB's 72B/C	371.1B	GB's 72B and 72C have been closed by "Unit Reoval in Conjunction with 'Debris Rule' Treatment".

ENVIRONMENTAL STATUS
REGULATED ITEMS

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
3408	24		Mixed Residue Tank - Ancillary Equipment only	MRT	
3801	56		Tanks: D806, D807A/B, D808, D812, D813, D814, D815, Polishing Filter FL831	374.3	Tanks D806, D807A/B, D808, D813, D814, and D815, have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
3801	56		GB Storage - GB's 107 and 113	374.3	
3810	57		Tank: D827	374.3	
4814	57		Tanks: D830, D832, D834, D876, D879	374.3	Tanks D832, D834, and D876 have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
Outside	57		T802, T803, T804, T805	374.3	Tanks T802, T803, T804, and T805 have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
4805	58		Tanks: D825A/B, D848	374.3	Tanks: 825A/B, D848 have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
4807	58		Tanks: D844A/B	374.3	Tanks: D844A/B have been declared RCRA Stable and transferred to D&D. Awaiting approval for inspection relief.
3803/4805	58		Sludge Dryer W801, dry Sludge Hoper: H3	374.3	
3803/4805	58		FL802A/B, H3, CV813A/B,	374.3	
	58		GB Treatment: GB's 115A/B, 116A/B, 117A/B, 118A/B	374.3	
3301		AJ	Container Storage - Room	371.1A	RCRA Stable 6/20/02
3315		AJ	GB Storage - GB#32	371.1B	
4101		AM	Tanks: D2860, D206, D208, D211, D212, D213, D214, D216, D217, D251, D841, D837A/B, D383A/B, D849A/B, D839A/B, D840A/B, D850		Evaluating for Idle Equipment and inspection frequency.
4103		AM	Tanks: D200, D241, D242, D243		Evaluating for Idle Equipment and inspection frequency.
4103		AM	Electric Motor/Pump		Evaluating for Idle Equipment and inspection frequency.
4104		AM	Tank D250	IE: 371-01	Contains approximately 200 gallons of HNO ₃ 7.5 N + 1% H ₂ SO ₄ . Greater than 2% of volume; remaining liquid is RCRA waste.
4104		AM	Tank D254A	IE: 371-02	Contents neutralized and drained
4104		AM	Tank D205	IE: 371-03	Contents neutralized and drained

8/7/02
10/12